

INTERNATIONAL SEARCH REPORT

Internat	Application No
PCT/IB2005/050345	

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N5/00 H04N7/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 377 034 A (THOMSON LICENSING S.A) 2 January 2004 (2004-01-02) * paragraphs '0006!', '0008!', '0011!', '0012!', '0018!', '0021!', '0027!', '0032!', '0039!', '0043!', '0060!' *	1-19
X	WO 03/034215 A (KONINKLIJKE PHILIPS ELECTRONICS N.V) 24 April 2003 (2003-04-24) page 1, line 5 - line 7 page 2, line 6 - line 20 page 3, line 5 - line 11 page 3, line 28 - page 4, line 11 page 6, line 17 - line 27 ----- -/--	1-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

13 April 2005

Date of mailing of the international search report

02/05/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 460 086 B1 (SWAMINATHAN VISWANATHAN ET AL) 1 October 2002 (2002-10-01) abstract; figure 1 column 10, line 18 - line 64 -----	1-5, 11-13, 16-19
X	WO 01/09715 A (SUN MICROSYSTEMS, INC) 8 February 2001 (2001-02-08) page 6, line 21 - page 7, line 19 page 8, line 1 - line 11 page 13, line 2 - page 14, line 10 page 16, line 18 - line 22 page 17, line 6 - page 18, line 2 page 22, line 5 - line 21 page 28, line 7 - page 29, line 9 figure 4a -----	1-5, 7-12, 16-19
X	EP 1 037 145 A (HEWLETT-PACKARD COMPANY) 20 September 2000 (2000-09-20) paragraphs '0006!, '0007!, '0010!-'0014!, '0020!, '0022!-'0026! figure 2 -----	1-5,7,8, 10-12, 16-19
A	TIMO VIRTANEN: "Tik-111.550 Seminar on multimedia (Digital TV) Application Programming Interface" 'Online! 10 November 1998 (1998-11-10), XP002324497 Retrieved from the Internet: URL:www.tml.hut.fi/Opinnot/Tik-111.550/1998/Esitelmat/API/API> section 6. "Java/MHEG-6" -----	1-19
A	SEUNGTAEK OH ET AL: "Experiments with MHEG Player/Studio: an interactive hypermedia visualization and authoring system" EUROMICRO CONFERENCE, 1998. PROCEEDINGS. 24TH VASTERAS, SWEDEN 25-27 AUG. 1998, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, vol. 2, 25 August 1998 (1998-08-25), pages 610-615, XP010298027 ISBN: 0-8186-8646-4 page 612, left-hand column, paragraph 2; figure 3 section "MHEG-6 Run Time Engine" pages 613-614 -----	1-19
A	EP 1 339 222 A (CANAL + TECHNOLOGIES) 27 August 2003 (2003-08-27) paragraphs '0057!, '0077!, '0080!-'0083! figure 3 -----	1-19
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PCT/IB2005/050345

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 813 147 A (LSI LOGIC CORPORATION) 17 December 1997 (1997-12-17) column 3, line 46 - line 57 column 5, line 43 - line 58 column 14, line 14 - line 35 -----	1-19
A	"INFORMATION TECHNOLOGY - CODING OF MULTIMEDIA AND HYPERMEDIA INFORMATION - PART 6: SUPPORT FOR ENHANCED INTERACTIVE APPLICATIONS. TECHNOLOGIES DE L'INFORMATION - CODAGE DE L'INFORMATION MULTIMEDIA ET HYPERMEDIA - PARTIE 6: SUPPORT POUR LES APPLICATIONS INTERACTIVES AMELIOREES" DRAFT INTERNATIONAL STANDARD ISO/IEC DIS, 1997, pages I-VI,1, XP000648200 -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern:

pplication No

PCT/JP05/050345

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1377034	A	02-01-2004	EP 1377034 A1	02-01-2004
			AU 2003260510 A1	19-01-2004
			WO 2004003740 A2	08-01-2004
WO 03034215	A	24-04-2003	EP 1440370 A2	28-07-2004
			WO 03034215 A2	24-04-2003
			JP 2005505849 T	24-02-2005
			US 2003079208 A1	24-04-2003
US 6460086	B1	01-10-2002	AT 270805 T	15-07-2004
			AU 2155100 A	19-06-2000
			DE 69918571 D1	12-08-2004
			EP 1445914 A2	11-08-2004
			EP 1133862 A2	19-09-2001
			JP 2002532009 T	24-09-2002
			WO 0033532 A2	08-06-2000
WO 0109715	A	08-02-2001	AU 6748400 A	19-02-2001
			WO 0109715 A2	08-02-2001
EP 1037145	A	20-09-2000	US 6332216 B1	18-12-2001
			EP 1037145 A2	20-09-2000
			JP 2000267862 A	29-09-2000
EP 1339222	A	27-08-2003	EP 1021918 A2	26-07-2000
			EP 0909091 A1	14-04-1999
			EP 0909094 A1	14-04-1999
			EP 0908821 A1	14-04-1999
			EP 1339222 A2	27-08-2003
			AU 9363298 A	27-04-1999
			BR 9813024 A	15-08-2000
			CA 2304862 A1	15-04-1999
			CN 1281613 A	24-01-2001
			HR 20000166 A1	31-10-2000
			HU 0100296 A2	28-05-2001
			WO 9918730 A2	15-04-1999
			ID 24808 A	24-08-2000
			JP 2001519579 T	23-10-2001
			NO 20001652 A	07-06-2000
			PL 340331 A1	29-01-2001
			RU 2227378 C2	20-04-2004
			TR 200000922 T2	21-07-2000
			TR 200003045 T2	21-02-2001
			TR 200003046 T2	22-01-2001
			ZA 9809081 A	13-04-1999
EP 0813147	A	17-12-1997	US 5946487 A	31-08-1999
			EP 0813147 A2	17-12-1997
			JP 10069394 A	10-03-1998